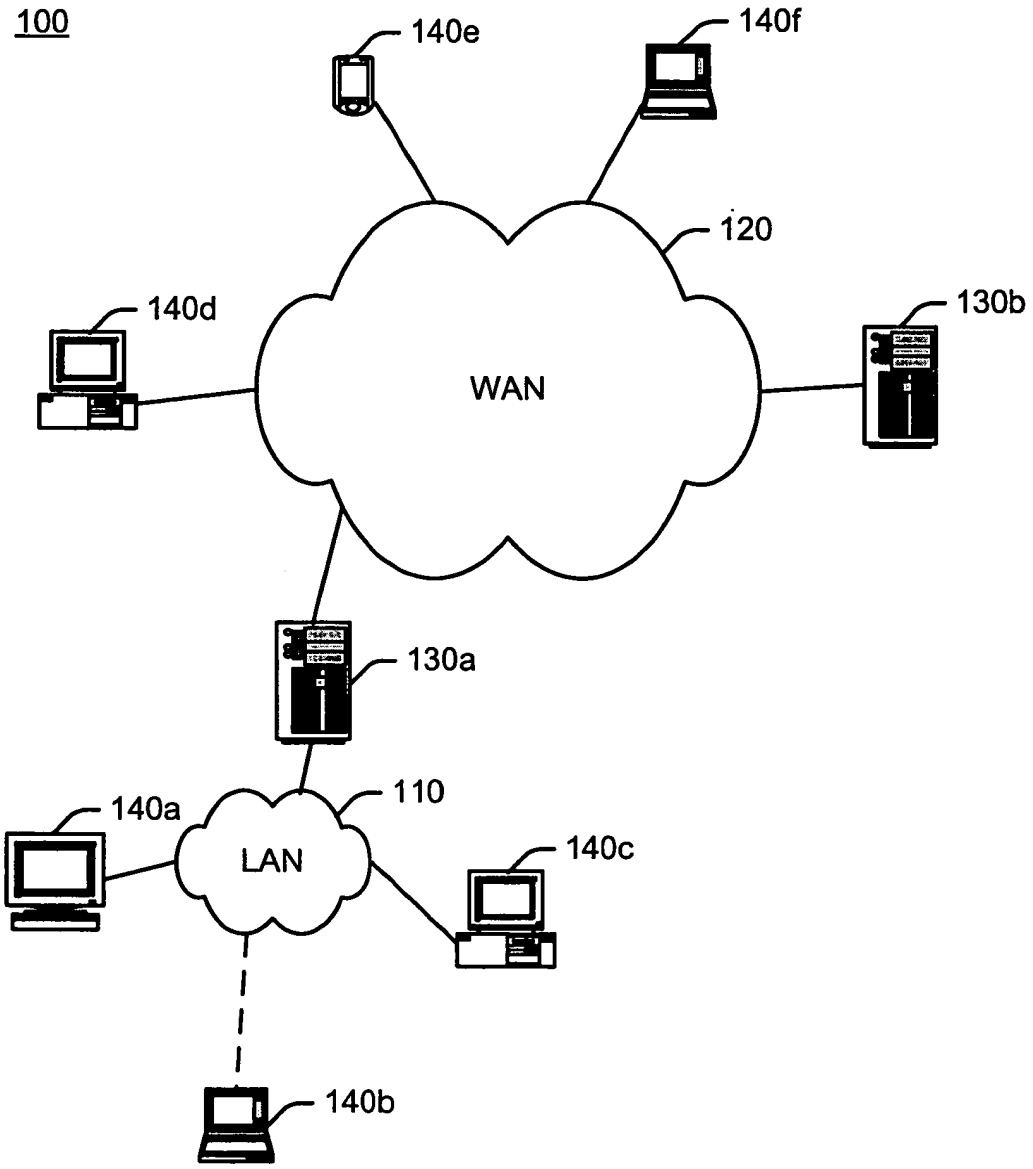
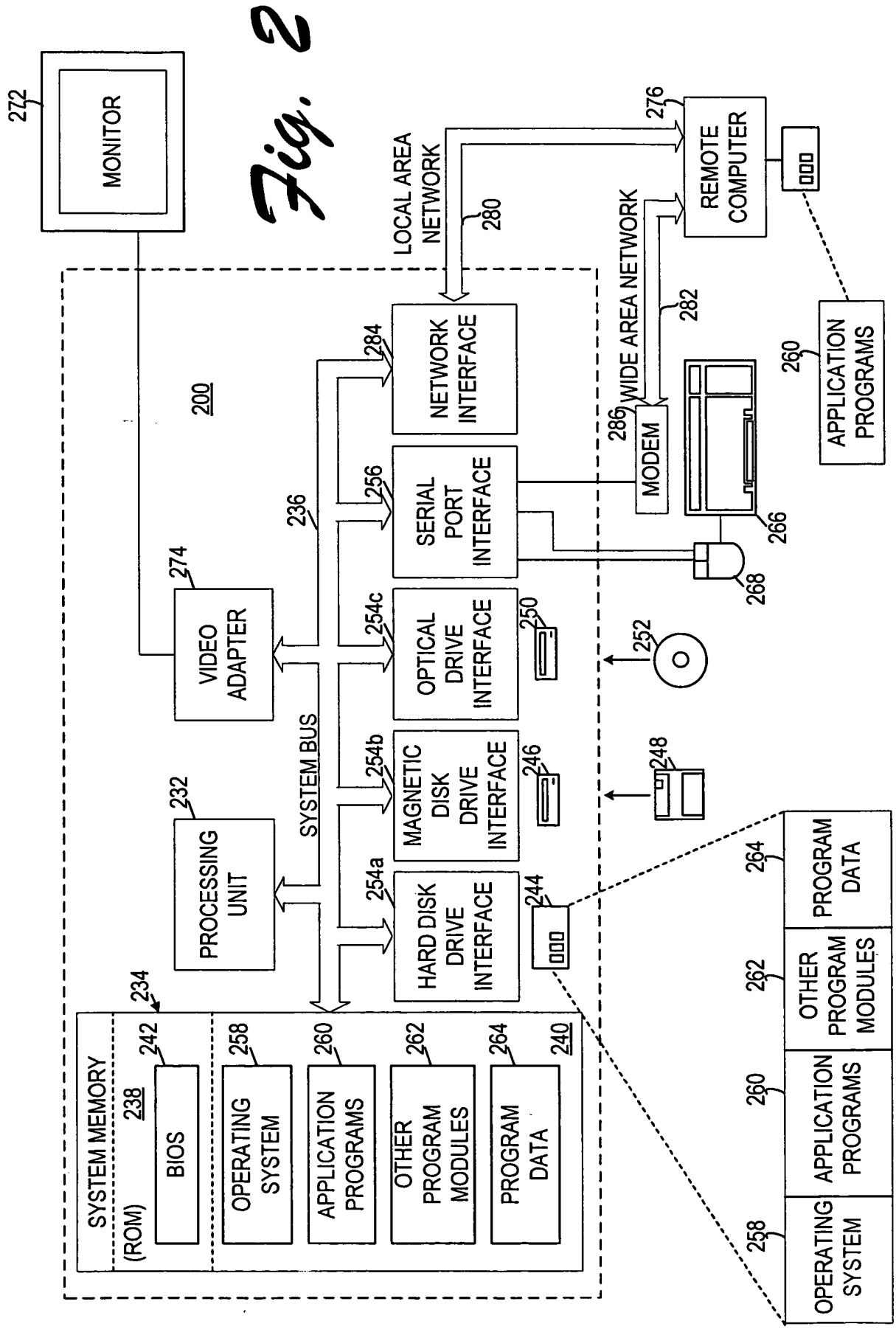


Fig. 1

Fig. 2


MONITOR
272
LOCAL AREA NETWORK
280
276
REMOTE COMPUTER
WIDE AREA NETWORK
282
286
MODEM
APPLICATION PROGRAMS
260
266
200
NETWORK INTERFACE
284
SERIAL PORT INTERFACE
256
236
274
VIDEO ADAPTER
OPTICAL DRIVE INTERFACE
254c
250
252
268
SYSTEM BUS
MAGNETIC DISK DRIVE INTERFACE
254b
246
248
232
PROCESSING UNIT
HARD DISK DRIVE INTERFACE
254a
244
234
SYSTEM MEMORY
(ROM)
238
BIOS
242
OPERATING SYSTEM
258
APPLICATION PROGRAMS
260
OTHER PROGRAM MODULES
262
PROGRAM DATA
264
240
PROGRAM DATA
264
OTHER PROGRAM MODULES
262
APPLICATION PROGRAMS
260
OPERATING SYSTEM
258

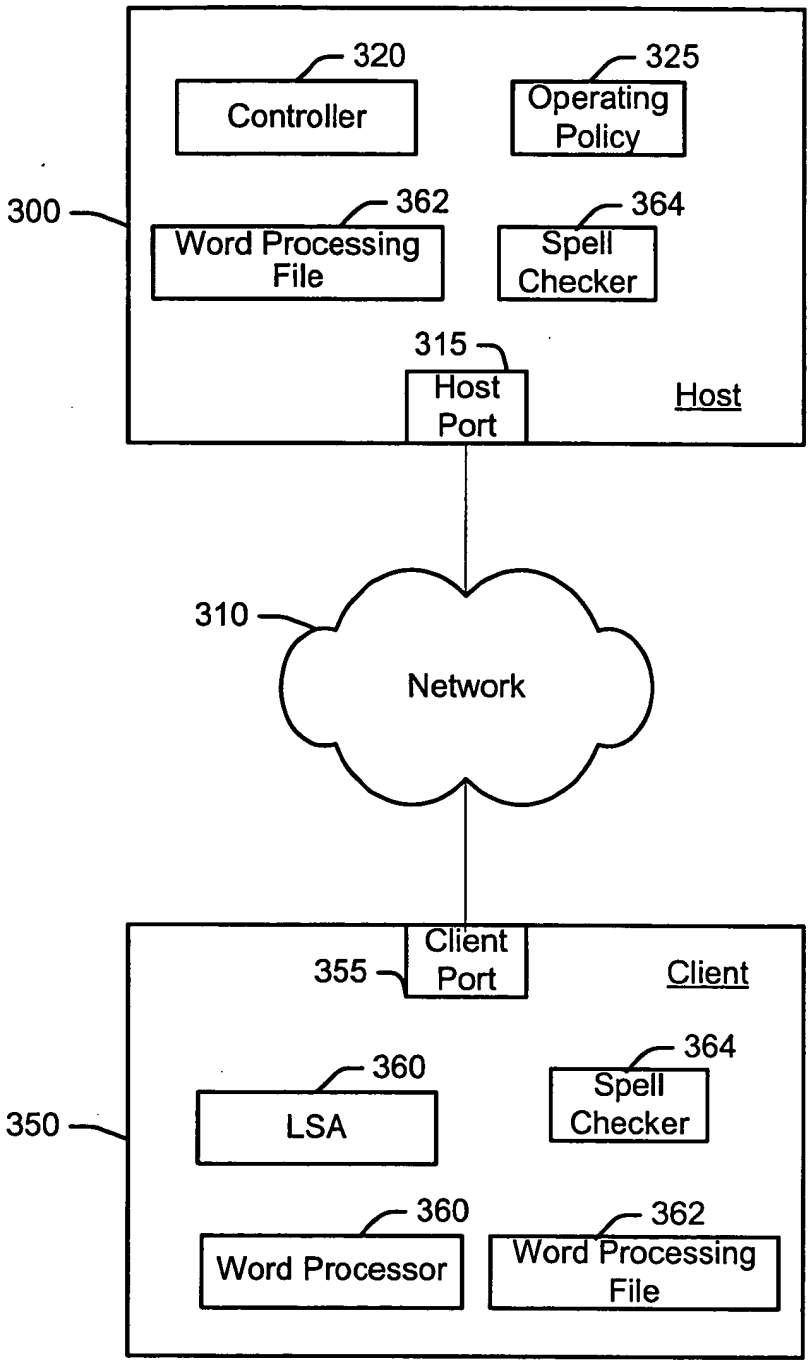

320
Controller
325
Operating Policy
300
362
Word Processing File
364
Spell Checker
315
Host Port
Host
310
Network
355
Client Port
Client
360
LSA
364
Spell Checker
350
360
Word Processor
362
Word Processing File

Fig. 3

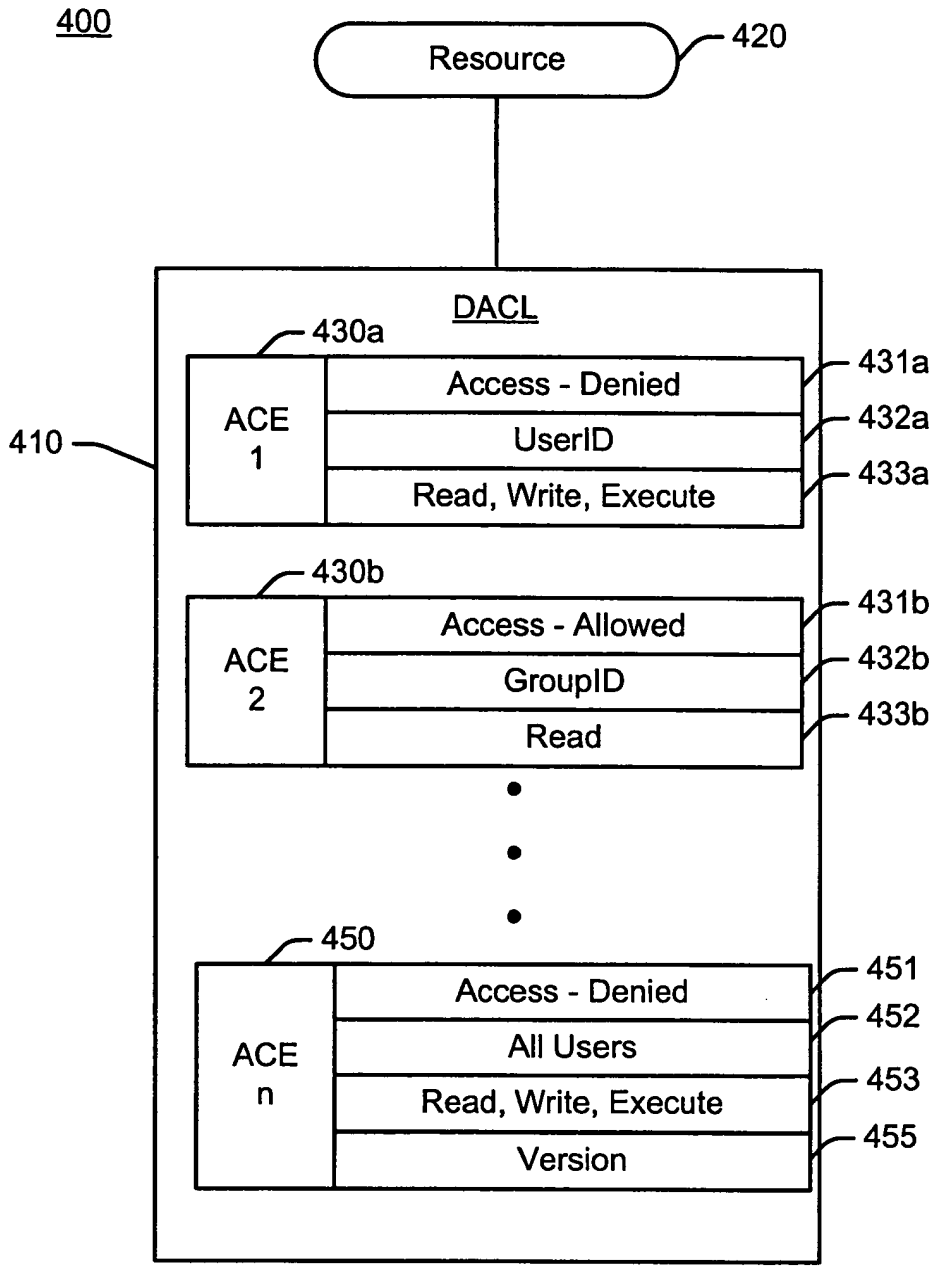

400
Resource
420
DACL
410
430a
ACE 1
Access - Denied
UserID
Read, Write, Execute
431a
432a
433a
430b
ACE 2
Access - Allowed
GroupID
Read
431b
432b
433b
450
ACE n
Access - Denied
All Users
Read, Write, Execute
Version
451
452
453
455

Fig. 4

Fig. 5(a)

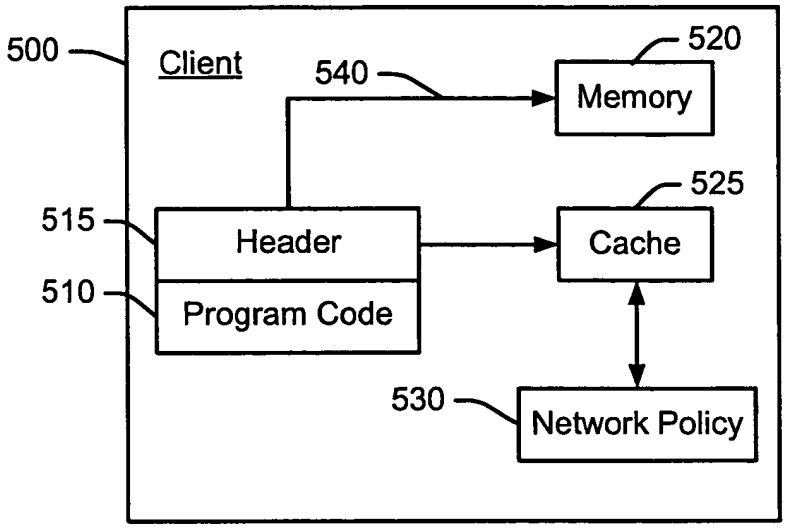

500
Client
540
520
Memory
525
515
Header
Cache
510
Program Code
530
Network Policy

Fig. 5(b)

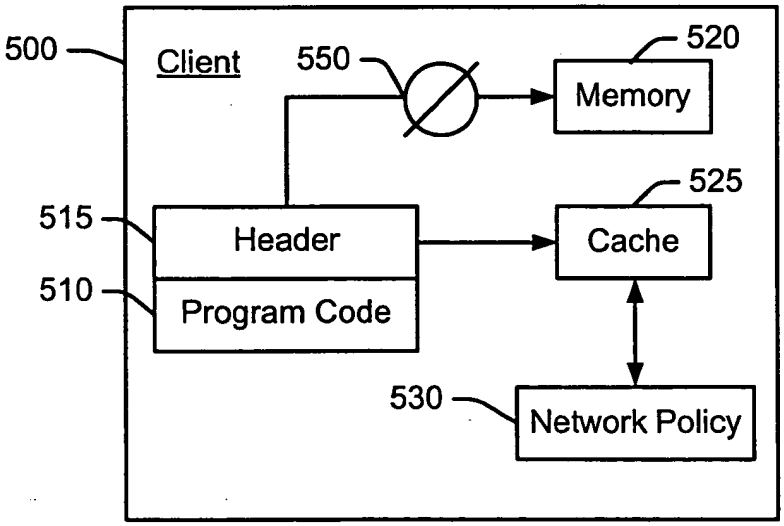

500
Client
550
520
Memory
525
515
Header
Cache
510
Program Code
530
Network Policy

Fig. 6(a)

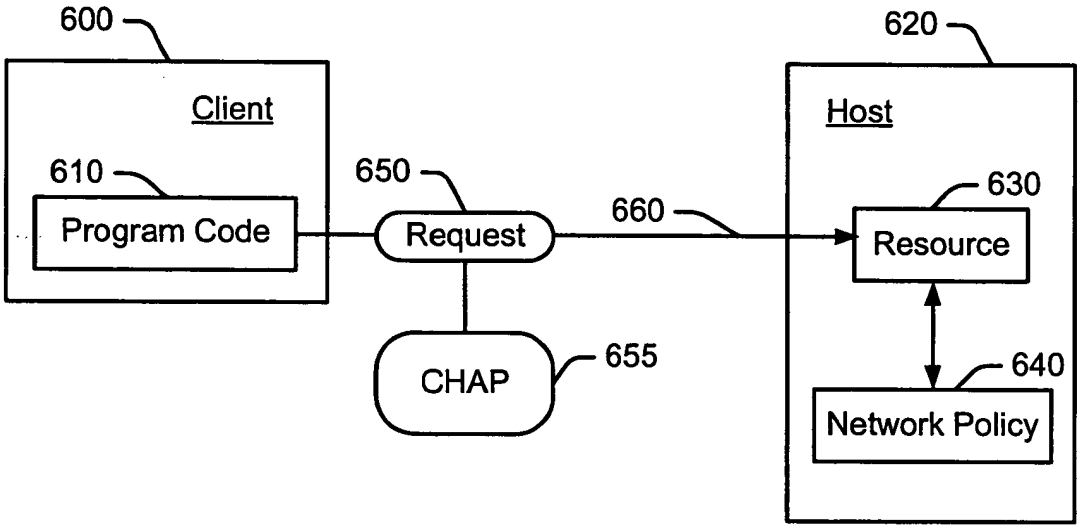
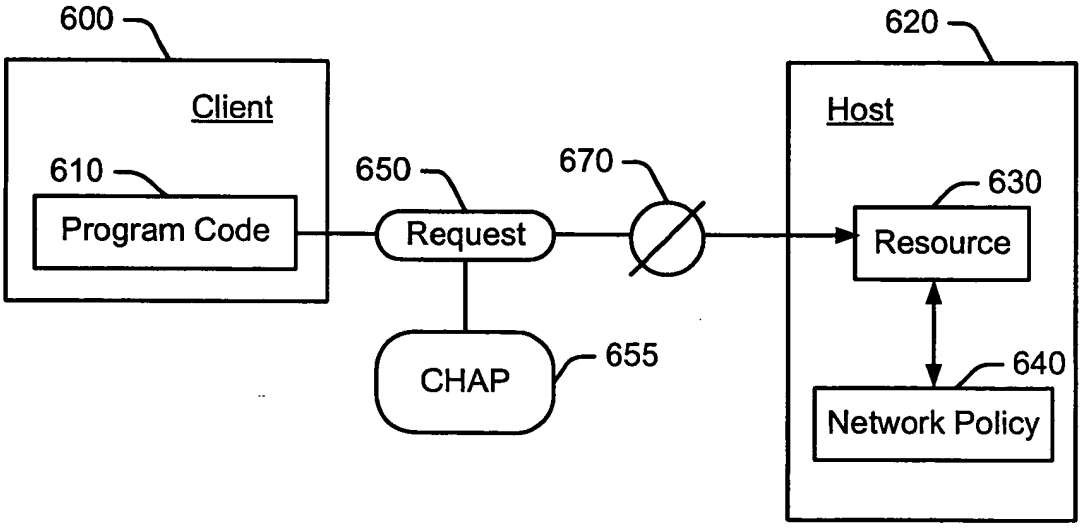

600
Client
610
Program Code
650
Request
660
620
Host
630
Resource
640
Network Policy
CHAP
655

Fig. 6(b)


600
Client
610
Program Code
650
Request
670
620
Host
630
Resource
640
Network Policy
CHAP
655

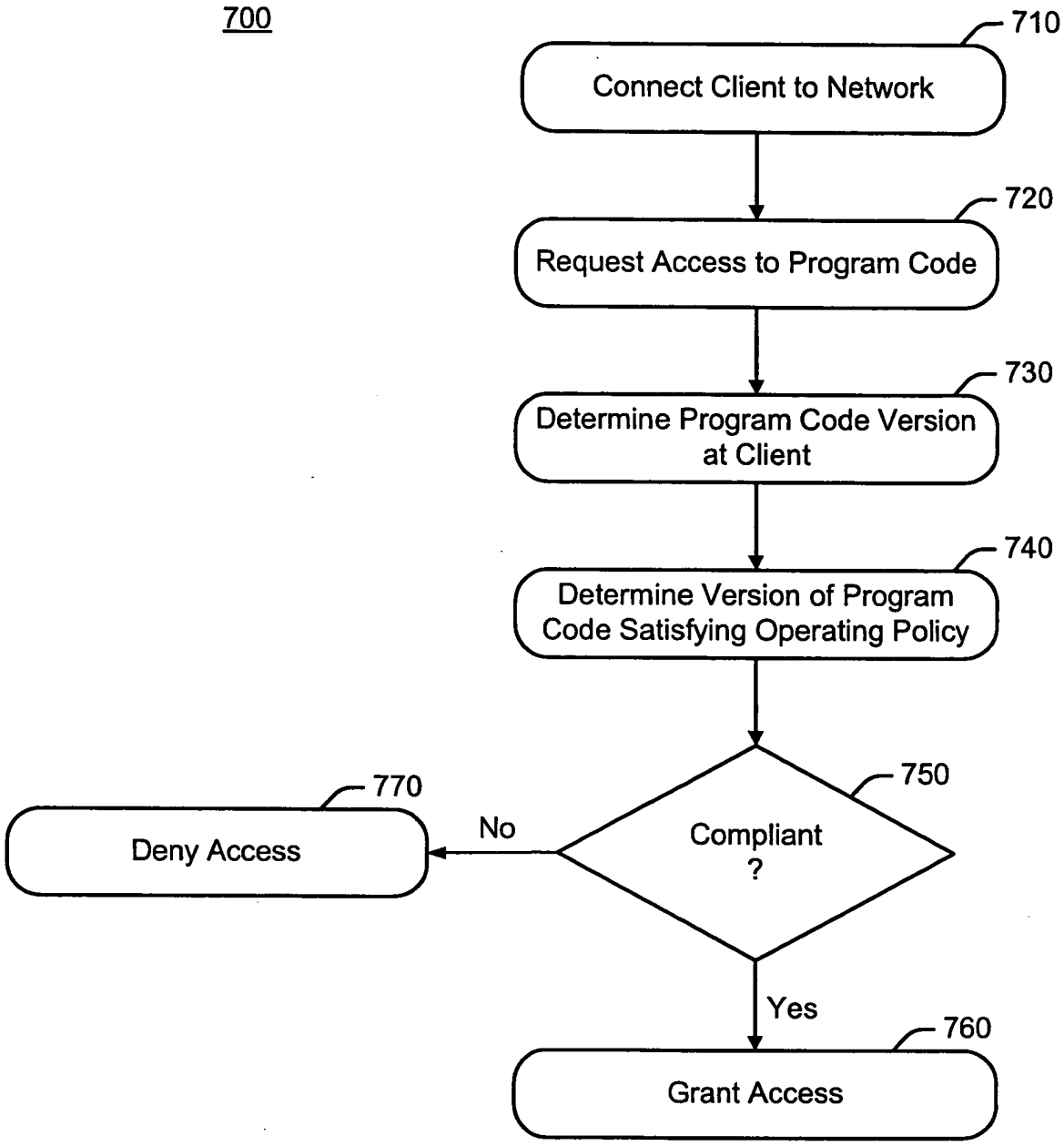

700
710
Connect Client to Network
720
Request Access to Program Code
730
Determine Program Code Version at Client
740
Determine Version of Program Code Satisfying Operating Policy
750
Compliant ?
No
770
Deny Access
Yes
760
Grant Access

Fig. 7